

## INTERNATIONAL SEARCH REPORT

Automatic Application No

PCT/GB 02/05788

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C11D17/04 C11D17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 362 413 A (KAUFMANN EDWARD J ET AL) 8 November 1994 (1994-11-08) column 9, line 60 -column 10, line 19; example 1	1,2,4-7, 9
A	WO 01 83658 A (PROCTER & GAMBLE) 8 November 2001 (2001-11-08) claims 11,12	1,4-7,9
A	WO 01 40432 A (HENKEL KGAA) 7 June 2001 (2001-06-07) cited in the application claims 1,7,16,17	1,5-9
A	WO 01 11002 A (PROCTER & GAMBLE) 15 February 2001 (2001-02-15) page 2, paragraphs 2-4 page 36, paragraphs 3,5	1,2,4,9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

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19/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Saunders, T

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5362413	A	08-11-1994	AU 575383 B2	28-07-1988
			AU 4025885 A	26-09-1985
			BR 8501303 A	19-11-1985
			CA 1284602 A1	04-06-1991
			DE 3571643 D1	24-08-1989
			EG 16786 A	30-08-1991
			EP 0158464 A1	16-10-1985
			ES 8705022 A1	01-07-1987
			ES 8801714 A1	16-04-1988
			ES 8801363 A1	01-03-1988
			JP 60212495 A	24-10-1985
			MX 164019 B	09-07-1992
			TR 22756 A	14-06-1988
			US 4743394 A	10-05-1988
WO 0183658	A	08-11-2001	GB 2361686 A	31-10-2001
			GB 2361707 A	31-10-2001
			GB 2361688 A	31-10-2001
			GB 2361685 A	31-10-2001
			AU 4356401 A	20-11-2001
			AU 4735901 A	12-11-2001
			BR 0110269 A	18-02-2003
			BR 0110322 A	07-01-2003
			EP 1276844 A1	22-01-2003
			EP 1276846 A2	22-01-2003
			WO 0185898 A1	15-11-2001
			WO 0183658 A2	08-11-2001
			AU 4356101 A	12-11-2001
			BR 0110256 A	07-01-2003
			EP 1276843 A2	22-01-2003
			WO 0183657 A2	08-11-2001
			AU 4356201 A	12-11-2001
			BR 0110271 A	18-02-2003
			EP 1283862 A1	19-02-2003
			WO 0183667 A1	08-11-2001
			AU 4561401 A	12-11-2001
			BR 0110257 A	07-01-2003
			EP 1276845 A1	22-01-2003
			GB 2361690 A	31-10-2001
			WO 0183668 A1	08-11-2001
WO 0140432	A	07-06-2001	DE 19957737 A1	07-06-2001
			AU 1396501 A	12-06-2001
			WO 0140432 A1	07-06-2001
WO 0111002	A	15-02-2001	AU 6528100 A	05-03-2001
			AU 6528200 A	05-03-2001
			BR 0013120 A	23-04-2002
			BR 0013246 A	16-04-2002
			CA 2380329 A1	15-02-2001
			CN 1367821 T	04-09-2002
			EP 1203070 A1	08-05-2002
			EP 1228185 A1	07-08-2002
			JP 2003506562 T	18-02-2003
			JP 2003506563 T	18-02-2003
			WO 0111002 A1	15-02-2001
			WO 0111003 A1	15-02-2001